

DETAILED ACTION

Response to Arguments

1. The rejections under 35 U.S.C. 112 1st paragraph and 103(a) have been overcome by the argument filed 11 February 2010.
2. The advisory action mailed out 10 March 2010 is withdrawn and replaced by this allowance.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Chyau Liang on 17 March 2010.

The application has been amended as follows:

The phrase --in vitro-- is inserted after "(hSCD)" in line 2 of claim 1.

The word "treating" is replaced with --alleviating-- in the following claims: claim 2, line 1; claim 12, line 1; claim 24, line 1; claim 55, line 1; and claim 70, line 1.

Claim 26-52 are cancelled.

Allowable Subject Matter

4. Claims 1-3, 5-25, and 53-71 are allowed.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to NOBLE JARRELL whose telephone number is (571)272-9077. The examiner can normally be reached on M-F 7:30 A.M - 6:00 P.M. EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. James O. Wilson can be reached on (571) 272-0661. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Noble Jarrell/
Examiner, Art Unit 1624

/James O. Wilson/
Supervisory Patent Examiner, Art Unit 1624